

Serial No. 10/747,831

Page 2

IN THE DRAWINGS:

Please replace the Figures with the attached sheets.

REMARKS

Claims 1, 3-15, 17-19, and 21 are pending in this application. By this Amendment, claims 1, 3, 4, 6-10, 15, and 19 are amended and claims 2, 16, and 20 are cancelled without prejudice or disclaimer. Claim 1 is amended to clarify allowable claim 2 in independent form. Claims 15 and 19 are amended to incorporate the allowable subject matter of claim 14. No new matter has been added. Reconsideration in view of the above amendments and the following remarks is respectfully requested.

The Office Action objects to the drawings. Applicants submit a new set of formal drawings under separate cover of a Transmittal of Formal Drawings filed concurrently herewith to obviate the objection. Accordingly, Applicants respectfully request withdrawal of the objection to the drawings.

The Office Action objects to the disclosure. Applicants submit the new set of formal drawings to obviate the objection. Accordingly, Applicants respectfully request withdrawal of the objection to the disclosure.

The Office Action rejects, under 35 U.S.C. § 102, claims 1, 11-13, and 15-19 over Arbuckle (U.S. Patent No. 6,019,524). The Office Action also rejects, under 35 U.S.C. § 103, claims 20 and 21 over Arbuckle and Glatt (U.S. Patent No. 5,526,041). These rejections are respectfully traversed.

Claim 1 is amended to recite the allowable subject matter of claim 2 in independent form. Claims 15 and 19 are amended to incorporate the allowable subject matter of claim 14.

Additionally, the Office Action rejects claim 20 over Arbuckle and Glatt. However, the Office Action does not address the substance of claim 20. Furthermore, the Office Action admits the prior art fails to teach or fairly suggest to one of ordinary skill in the art a sensor for determining the position of a movable assembly as in claim 14. Claim 20 recites such an assembly and such an assembly is not disclosed in the cited references. Claim 19 is amended to recite such an assembly as indicated as allowable in claim 14.

Therefore, Applicants respectfully submit that independent claims 1, 15, and 19 define patentable subject matter. The remaining claims depend from the independent claims and

therefore also define patentable subject matter. Accordingly, Applicants respectfully request the withdrawal of the rejections under 35 U.S.C. § 102 and 35 U.S.C. § 103.

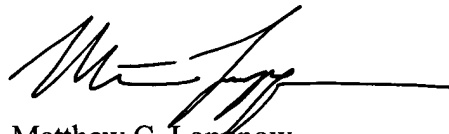
CONCLUSION

Based on the foregoing amendments and remarks, Applicants respectfully submit this application is in condition for allowance. Favorable consideration and prompt allowance of claims 1, 3-15, 17-19, and 21 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number listed below.

The Commissioner is hereby authorized to deduct any fees arising as a result of this Amendment or any other communication from or to credit any overpayments to Deposit Account No. 50-2117.

Respectfully submitted,



Matthew C. Loppnow
Attorney for Applicant
Registration No. 45,314

Dated: January 19, 2006

Phone No. (847) 523-2585
Fax No. (847) 523-2350

Please send correspondence to:
Motorola, Inc.
Intellectual Property
600 North U.S. Highway 45
Libertyville, IL 60048